JAP12 Rec'd PCT/PTO 16 MAR 2007

PTO-1390 (Rev. 07-2005)

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TRANSMITTAL LETTER TO THE UNITED STATES

ATTORNEY'S DOCKET NUMBER

DESIGNATED/ELECTED	QGN-040. IP 05								
CONCERNING A SUBMISSION	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/586,785								
INTERNATIONAL APPLICATION NO. PCT/EP2005/000650	INTERNATIONAL FILING DATE January 24, 2005	PRIORITY DATE CLAIMED January 23, 2004							
TITLE OF INVENTION	CONTAMINATION BARRIER	₹							
APPLICANT(S) FOR DO/EO/US									
		EL, Sabine HERMES, Friederike WILMER							
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:									
<ol> <li>This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</li> <li>This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</li> </ol>									
2. This is a SECOND or SUBSEQUENT'S	ubmission of items concerning a submission	n under 35 U.S.C. 371.							
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.									
4. The US has been elected (Article 31).	4. The US has been elected (Article 31).								
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))									
a. La is attached hereto (required	a. is attached hereto (required only if not communicated by the International Bureau).								
b. Has been communicated by	b.  has been communicated by the International Bureau.								
l —	c. is not required, as the application was filed in the United States Receiving Office (RO/US).								
	a. is attached hereto.								
	b. Light has been previously submitted under 35 U.S.C. 154(d)(4).								
	rnational Application under PCT Article 19 (	, , , , , ,							
a.	a. are attached hereto (required only if not communicated by the International Bureau).								
b. Have been communicated	b. have been communicated by the International Bureau.								
	c. have not been made; however, the time limit for making such amendments has NOT expired.								
<del>[</del> ]	d. Light have not been made and will not be made.								
	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).								
	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (Executed)								
10. An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary E	xamination Report under PCT							
Items 11 to 20 below concern document(s	) or information included:								
11 An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.								
-	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.								
13. A preliminary amendment.	A preliminary amendment.								
14. An Application Data Sheet under 37 C	An Application Data Sheet under 37 CFR 1.76.								
15. A substitute specification.									
	A power of attorney and/or change of address letter. (Executed)								
·	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.								
18. A second copy of the published Intern	A second copy of the published International Application under 35 U.S.C. 154(d)(4).								
19. A second copy of the English languag	ge translation of the international application	ı under 35 U.S.C. 154(d)(4).							

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the complete form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

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U.S. APPLICA	TION NO. (if known 10/586,785	•	PCT/EP200			AT	ATTORNEY'S DOCKET NUMBER QGN-048.1P US		
20. Other	items or information	on:							
The foll	lowing fees have b	een submitted				T CALC	JLATIONS	PTO USE ONLY	
	-				. \$300	\$		T	
22.	nination fee (37 CF	R 1.492(c))				<del> </del>			
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  All other situations\$200					\$				
If the written opin IPEA/US Search fee (37 C International Sea previous)	S indicates all claim CFR 1.445(a)(2)) ha onal Searching Au arch Report prepar y communicated to	or the International as satisfy provisions as been paid on the thorityed by an ISA other of the US by the IB	preliminary examination re of PCT Article 33(1)-(4) international application to than the US and provided to	the U	<b>\$0</b> SPTO as an <b>\$100</b> office or <b>\$400</b>	\$			
7 iii Other Situation			***************************************			<del></del>			
sequenc electroni	e listing in complia c medium) (37 CF	and drawings filed i nce with 37 CFR 1. R 1.492(j)).	n paper over 100 sheets (e 821(c) or (e) or computer p of paper or fraction thereof.						
Total Sheets	Extra Sheets	eets Number of each additional 50 or fraction thereof (round up to a whole number)							
- 100 =	/50 =		0	× \$	250	\$		<u> </u>	
			fee, examination fee, or the (37 CFR 1.492(h)).	oath o	r declaration	\$	130.00		
CLAIMS	NUMB	ER FILED	NUMBER EXTRA		RATE	\$			
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MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360			\$						
TOTAL OF ABOVE CALCULATIONS =  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.				\$					
Applicant cla	aims small entity st	atus. See 37 CFR	1.27. Fees above are reduc			<del> </del>	400.00		
Dragoning for a	£ \$420.00 for \$	hine the Facility to	anslation later than 30 mon		SUBTOTAL =	\$	130.00		
	late (37 CFR 1.492		ansiation later than 30 mon	ins iroi	the earliest	\$			
			TOTAL	- NATI	ONAL FEE =	\$		-	
		ignment (37 CFR 1. CFR 3.28, 3.31). <b>\$4</b>	21(h)). The assignment mu 0.00 per property	ist be a	ccompanied +	\$			
2007 MKAYPAGH 00000082 10586785 TOTAL FEES ENCLOSED =			\$ 130.00						
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NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.								
SEND A	LL CORRESPONDENCE TO:			Λι				
Leon	R. Yankwich, Esq.		_	SIGNATURE				
YANKWICH & ASSOCIATES, P.C.				David G. O'Brien				
		,, 1 .0.	_	NAME				
201 Broadway				46,125				
Cambridge, MA 02139			REGISTRATION NUMBER					
				March 13,	2007			